



Manufacturers' Shipments, Inventories, and Orders

July 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

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(All Figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in July increased \$4.2 billion or 2.2 percent to \$196.0 billion. Since reaching a high last December of \$201.2 billion, orders had been generally declining, dropping to \$191.8 billion in June. The July orders increase was concentrated in the durable goods sector which increased 4.1 percent; the nondurable goods sector showed no change from June.

Shipments of manufactured goods in July increased \$0.8 billion or 0.4 percent to \$194.4 billion, following a 0.3 percent increase in June. Prior to that, shipments declined from a high in November of \$200.1 billion to \$193.1 billion in May.

Unfilled orders in July increased \$1.6 billion or 0.4 percent to \$366.2 billion, following 3 consecutive monthly declines. Manufacturers' inventories remained unchanged for the second month in a row at \$278.3 billion, following a 14-month downward trend. The small increase in shipments was enough to lower slightly the inventory to shipments ratio from 1.44 in June to 1.43 in July.

NEW ORDERS. The increase in orders for durable goods in July of \$4.2 billion or 4.1 percent to \$106.9 billion included an increase in defense capital goods orders of \$3.2 billion. Excluding defense, the durable goods increase was 1.0 percent.

Orders for transportation equipment increased \$5.2 billion or 21.9 percent to \$28.7 billion. The aircraft and parts industry accounted for over 80 percent of the increase, as defense and nondefense orders were up. Nonelectrical machinery, fabricated metal products, and instruments and related products also were up. The largest decline in the durable goods sector was in electrical machinery, down \$0.9 billion or 5.3 percent to \$17.0 billion, following a 22.3 percent increase in June.

SHIPMENTS. Shipments of durable goods in July increased \$0.9 billion or 0.9 percent to \$105.5 billion. The largest

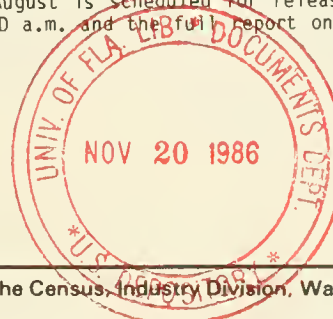
increase was in transportation equipment, up \$1.5 billion or 5.8 percent to \$27.4 billion; aircraft and parts were up \$0.9 billion and motor vehicles and parts \$0.4 billion. Both primary metals and fabricated metals also had increases in July. Both electrical and nonelectrical machinery shipments declined in July, nonelectrical down \$0.4 billion or 2.5 percent to \$17.1 billion and electrical down \$0.2 billion or 1.3 percent to \$16.1 billion.

Nondurable goods shipments showed a slight decline in July of \$0.1 billion to \$89.0 billion. Large offsetting movements occurred in several industries. Food products increased \$0.9 billion or 3.7 percent to \$26.4 billion, and chemicals were up \$0.6 billion or 3.2 percent to \$17.9 billion; petroleum products were down \$0.5 billion or 4.4 percent to \$10.8 billion and tobacco products \$0.6 billion or 29.9 percent to \$1.5 billion.

UNFILLED ORDERS. The increase in unfilled orders in July of 0.4 percent was due mostly to an increase in defense orders for both aircraft and ships and tanks. Transportation equipment in total was up \$1.3 billion or 0.8 percent to \$159.8 billion. The orders backlog for electrical machinery increased \$0.9 billion or 1.0 percent to \$85.1 billion. The largest decline in unfilled orders was in primary metals, down \$0.6 billion or 2.9 percent to \$18.4 billion.

INVENTORIES. Durable goods inventories in July decreased \$0.5 billion or 0.3 percent to \$186.7 billion, offsetting a \$0.4 billion or 0.4 percent increase in nondurable goods to \$91.6 billion. Inventories by stage of fabrication showed increases in finished goods and decreases in work in process for both the durable and nondurable goods sectors. An increase in materials and supplies in nondurables was offset by a decline in durables.

SCHEDULED RELEASE DATES. The advance report on durable goods for August is scheduled for release on September 23, 1986 at 8:30 a.m. and the full report on October 1, 1986 at 10:00 a.m.



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service—CENDATA™. The online version of the report can be read from a terminal screen, printed on— or off—line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA. DUSD, Bureau of the Census, Washington, DC 20233.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)															
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹						
		Monthly				Percent change			Monthly				Year to date		
		July 1986P	June 1986P	May 1986	Apr. 1986	June- JulyP	May- JuneP	Apr.- May	July 1986P	June 1986P	May 1986	Apr. 1986	1986P	1985	
	All manufacturing industries	194,448	193,642	193,068	196,132	+0.4	+0.3	-1.6	179,697	206,929	195,769	197,446	1,359,192	1,350,817	
	Manufacturing industries with unfilled orders.....	108,936	108,581	105,976	108,249	+0.3	+2.5	-2.1	99,517	116,042	107,157	108,627	747,479	729,400	
	Durable goods industries.....	105,470	104,553	103,672	106,592	+0.9	+0.8	-2.7	95,452	114,059	106,469	108,655	734,973	716,858	
	With unfilled orders.....	86,257	85,643	84,162	86,212	+0.7	+1.8	-2.4	78,360	92,735	85,437	86,667	594,492	584,938	
32	Stone, clay, and glass products.....	4,903	4,873	4,942	5,108	+0.6	-1.4	-3.2	4,851	5,363	5,108	5,171	34,306	33,093	
322	Glass containers.....	445	414	412	457	+7.5	+0.5	-9.8	441	462	431	465	3,026	2,818	
33	Primary metals.....	9,627	9,484	9,852	10,122	+1.5	-3.7	-2.7	8,761	10,171	10,262	10,621	70,830	74,935	
331	Blast furnaces, steel mills...	4,146	3,886	4,066	4,123	+6.7	-4.4	-1.4	3,781	4,216	4,180	4,342	29,340	31,372	
333-9	Nonferrous and other primary metals.....	4,285	4,435	4,651	4,730	-3.4	-4.6	-1.7	3,938	4,666	4,828	4,929	32,875	34,860	
34	Fabricated metal products.....	14,450	14,199	14,145	14,553	+1.8	+0.4	-2.8	13,485	15,353	14,552	14,754	99,399	95,680	
341	Metal cans, barrels, and drums	934	957	988	981	-2.4	-3.1	+0.7	1,018	1,084	1,024	962	6,559	6,767	
35	Machinery, except electrical....	17,103	17,535	16,784	17,932	-2.5	+4.5	-6.4	15,457	19,353	16,903	17,666	120,120	123,435	
351	Engines and turbines.....	1,086	1,241	1,199	1,228	-12.5	+3.5	-2.4	966	1,377	1,229	1,275	8,737	8,839	
352	Farm machinery and equipment..	711	825	807	943	-13.8	+2.2	-14.4	574	907	911	1,055	6,040	6,167	
353	Construction, mining, and material handling equipment..	2,881	2,713	2,882	3,179	+6.2	-5.9	-9.3	2,829	2,965	2,960	3,122	20,650	19,621	
354	Metalworking machinery.....	802	915	838	838	-12.3	+9.2	0.0	704	961	817	825	5,933	5,899	
356	General industrial machinery..	1,565	1,487	1,396	1,673	+5.2	+6.5	-16.6	1,449	1,533	1,416	1,608	10,345	9,654	
357	Office and computing machines..	4,254	4,572	3,940	4,010	-7.0	+16.0	-1.7	3,548	5,166	3,633	3,513	26,403	30,868	
36	Electrical machinery.....	16,106	16,316	15,520	15,539	-1.3	+5.1	-0.1	14,586	17,537	15,504	15,549	109,701	105,035	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,159	2,117	2,078	2,038	+2.0	+1.9	+2.0	1,881	2,277	2,071	2,048	14,682	14,117	
363	Household appliances.....	1,551	1,489	1,407	1,405	+4.2	+5.8	+0.1	1,535	1,636	1,422	1,416	10,088	9,915	
365	Radio and TV.....	1,109	1,031	957	1,021	+7.6	+7.7	-6.3	1,004	1,196	877	905	6,907	6,126	
366	Communication equipment.....	5,114	5,478	5,068	5,077	-6.6	+8.1	-0.2	4,636	5,917	5,123	5,188	36,396	34,798	
367	Electronic components.....	3,302	3,253	3,253	3,273	+1.5	0.0	-0.6	2,995	3,451	3,328	3,401	22,956	23,176	
37	Transportation equipment.....	27,398	25,887	26,610	27,517	+5.8	-2.7	-3.3	23,585	29,019	28,219	28,953	191,551	180,798	
371	Motor vehicles and parts.....	16,885	16,455	16,992	18,080	+2.6	-3.2	-6.0	13,968	18,830	18,574	19,478	125,800	119,619	
372,6	Aircraft, missiles, and parts.	8,851	7,925	8,106	7,882	+11.7	-2.2	+2.8	8,072	8,607	8,069	7,796	54,728	49,392	
3731,95	Shipbuilding and military tank vehicles.....	710	700	716	702	+1.4	-2.2	+2.0	693	729	721	673	4,848	5,800	
38	Instruments and related products	4,685	4,680	4,648	4,613	+0.1	+0.7	+0.8	4,298	5,023	4,569	4,446	32,107	32,571	
381-4	Scientific and engineering instruments.....	3,046	3,103	3,090	3,058	-1.8	+0.4	+1.0	2,744	3,289	3,019	2,957	21,176	21,454	
386	Photographic goods.....	1,475	1,415	1,388	1,378	+4.2	+1.9	+0.7	1,397	1,561	1,374	1,306	9,714	9,777	
24,25, 39	All other durable goods.....	11,198	11,579	11,171	11,208	-3.3	+3.7	-0.3	10,429	12,240	11,352	11,495	76,959	71,311	
	Nondurable goods industries.....	88,978	89,089	89,396	89,540	-0.1	-0.3	-0.2	84,245	92,870	89,300	88,791	624,219	633,959	
	With unfilled orders.....	22,679	22,938	21,814	22,037	-1.1	+5.2	-1.0	21,157	23,307	21,720	21,960	152,987	144,462	
20	Food and kindred products.....	26,422	25,490	25,791	25,279	+3.7	-1.2	+2.0	24,972	26,698	25,708	24,635	176,339	171,592	
201	Meat products.....	6,013	5,683	5,402	5,578	+5.8	+5.2	-3.2	5,809	5,802	5,478	5,377	38,484	39,424	
208	Beverages.....	3,929	3,876	4,091	4,005	+1.4	-5.3	+2.1	4,212	4,457	4,381	4,189	28,178	26,418	
207	Fats and oils.....	936	998	1,134	1,038	-6.2	-12.0	+9.2	893	1,013	1,122	994	7,298	8,127	
203-6,9	All other foods.....	12,183	11,674	11,832	11,462	+4.4	-1.3	+3.2	10,697	12,001	11,335	10,889	79,511	74,834	
21	Tobacco products.....	1,491	2,127	2,057	1,570	-29.9	+3.4	+31.0	1,373	2,331	1,985	1,542	11,917	11,292	
22	Textile mill products.....	4,481	4,398	4,255	4,487	+1.9	+3.4	-5.2	3,827	4,814	4,328	4,454	30,533	29,645	
26	Paper and allied products.....	9,257	9,125	8,853	8,917	+1.4	+3.1	-0.7	8,762	9,532	8,886	8,989	62,316	57,110	
261-3,6	Pulp, paper etc.....	4,024	3,836	3,686	3,745	+4.9	+4.1	-1.6	3,770	4,035	3,771	3,821	26,392	24,541	
265	Paperboard containers.....	1,861	1,825	1,808	1,837	+2.0	+0.9	-1.6	1,764	1,902	1,808	1,843	12,724	12,836	
264	All other paper products.....	3,372	3,464	3,359	3,335	-2.7	+3.1	+0.7	3,228	3,595	3,307	3,325	23,200	19,733	
28	Chemicals and allied products..	17,901	17,346	17,273	18,363	+3.2	+0.4	-5.9	16,431	18,508	17,912	19,016	126,331	126,935	
281,6	Industrial chemicals, except pigments.....	5,828	5,708	5,680	5,876	+2.1	+0.5	-3.3	5,478	6,050	5,771	6,111	41,370	42,160	
283,4	Drugs, soaps, and toiletries...	5,168	5,199	5,064	5,105	-0.6	+2.7	-0.8	4,672	5,552	4,791	4,722	35,025	31,690	
29	Petroleum and coal products....	10,782	11,278	12,629	12,344	-4.4	-10.7	+2.3	10,836	11,643	12,573	12,029	88,700	111,487	
30	Rubber and plastics products....	3,869	4,002	4,044	4,016	-3.3	-1.0	+0.7	3,724	4,315	4,036	4,078	27,786	28,401	
23,27, 31	All other nondurable goods.....	14,775	15,323	14,494	14,564	-3.6	+5.7	-0.5	14,320	15,029	13,872	14,048	100,297	97,497	
	Market categories:														
	Home goods and apparel.....	13,695	14,057	13,208	13,362	-2.6	+6.4	-1.2	12,712	14,586	12,586	12,816	92,040	88,832	
	Consumer staples.....	37,439	37,350	36,956	35,920	+0.2	+1.1	+2.9	35,313	39,034	36,507	35,049	251,342	239,049	
	Equipment and defense products, except automotive.....	30,600	30,751	29,679	30,384	-0.5	+3.6	-2.3	27,722	33,441	29,597	29,832	207,866	206,827	
	Automotive equipment.....	18,746	18,274	18,744	19,899	+2.6	-2.5	-5.8	15,780	20,820	20,449	21,553	138,981	133,443	
	Construction materials, supplies and intermediate products.....	18,114	18,216	18,286	18,765	-0.6	-0.4	-2.6	17,952	19,926	18,937	19,082	125,952	117,906	
	Other materials, supplies, and intermediate products.....	75,854	74,994	76,195	77,802	+1.1	-1.6	-2.1	70,218	79,122	77,693	79,114	543,011	566,760	
	Supplementary series: ²														
	Capital goods industries.....	35,574	35,207	34,068	34,688	+1.0	+3.3	-1.8	32,233	38,247	33,908	34,048	237,817	231,909	
	Nondefense.....	27,355	27,243	26,582	27,355	+0.4	+2.5	-2.8	24,647	29,922	26,401	26,730	185,868	185,749	
	Defense.....	8,219	7,964	7,486	7,333	+3.2	+6.4	+2.1	7,586	8,325	7,507	7,318	51,949	46,160	
	Household durable goods industries.....	7,058	7,374	6,711	6,689	-4.3	+9.9	+0.3	6,245	7,749	6,539	6,586	46,763	43,999	

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		July 1986P	June 1986F	May 1986	Apr. 1986	June- JulyP	May- JuneF	Apr.- May	July 1986P	June 1986F	May 1986	Apr. 1986	1986P	1985
	All manufacturing industries	196,005	191,795	192,122	193,151	+2.2	-0.2	-0.5	178,832	201,600	191,789	194,594	1,362,524	1,358,033
	Manufacturing industries with unfilled orders.....	110,493	106,734	105,030	105,268	+3.5	+1.6	-0.2	98,652	110,713	103,177	105,775	750,811	736,615
	Durable goods industries.....	106,902	102,730	102,624	103,747	+4.1	+0.1	-1.1	94,369	108,946	102,415	105,748	737,702	723,497
	With unfilled orders.....	87,689	83,820	83,114	83,367	+4.6	+0.8	-0.3	77,277	87,622	81,383	83,760	597,221	591,577
32	Stone, clay, and glass products.....	4,834	4,927	4,840	4,998	-1.9	+1.8	-3.2	4,800	5,380	5,053	5,075	34,408	33,273
33	Primary metals.....	9,075	9,323	8,831	9,625	-2.7	+5.6	-8.2	8,105	9,390	8,768	9,577	69,795	75,866
331	Blast furnaces, steel mills...	3,678	3,822	3,443	3,918	-3.8	+11.0	-12.1	3,229	3,709	3,309	3,757	28,540	31,801
333-9	Nonferrous and other primary metals.....	4,256	4,361	4,202	4,263	-2.4	+3.8	-1.4	3,803	4,485	4,232	4,340	32,266	35,089
34	Fabricated metal products.....	14,337	13,998	14,024	14,653	+2.4	-0.2	-4.3	13,328	15,278	14,507	14,708	99,048	95,010
35	Machinery, except electrical....	17,237	16,888	16,441	16,800	+2.1	+2.7	-2.1	14,968	18,394	16,629	16,739	117,064	124,063
351	Engines and turbines.....	960	1,185	1,115	1,253	-19.0	+6.3	-11.0	904	1,131	1,239	1,216	8,339	8,201
353	Construction, mining, and material handling equipment..	2,638	2,429	2,751	2,970	+8.6	-11.7	-7.4	2,606	2,637	2,828	2,859	19,320	19,732
354	Metalworking machinery.....	824	731	872	854	+12.7	-16.2	+2.1	763	816	862	837	5,799	6,733
356	General industrial machinery..	1,484	1,562	1,509	1,592	-5.0	+3.5	-5.2	1,364	1,570	1,522	1,538	10,333	9,609
357	Office and computing machines.	4,764	4,484	3,739	3,136	+6.2	+19.9	+19.2	3,521	5,215	3,621	3,013	25,601	31,840
36	Electrical machinery.....	16,967	17,913	14,650	15,467	-5.3	+22.3	-5.3	14,881	18,228	14,816	15,037	112,915	109,017
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,242	2,025	1,947	1,907	+10.7	+4.0	+2.1	1,963	2,122	1,899	1,944	14,418	13,984
363	Household appliances.....	1,572	1,492	1,414	1,401	+5.4	+5.5	+0.9	1,565	1,629	1,445	1,418	10,123	9,989
365	Radio and TV.....	1,025	933	844	1,143	+9.9	+10.5	-26.2	916	1,166	1,008	846	6,809	6,185
366	Communication equipment.....	5,914	6,997	4,630	5,086	-15.5	+51.1	-9.0	4,807	6,772	4,503	4,654	39,544	40,801
367	Electronic components.....	3,326	3,448	3,005	3,145	-3.5	+14.7	-4.5	3,051	3,415	3,231	3,526	23,088	21,175
37	Transportation equipment.....	28,689	23,531	27,933	26,497	+21.9	-15.8	+5.4	23,525	25,134	26,486	28,526	194,642	180,877
372,6	Aircraft, missiles, and parts.	9,530	5,303	10,023	7,169	+79.7	-47.1	+39.8	7,472	5,065	7,398	7,762	57,157	51,422
3731,95	Shipbuilding and military tank vehicles.....	1,498	974	325	377	+53.8	+199.7	-13.8	1,222	537	72	397	5,646	4,458
38	Instruments and related products	4,683	4,530	4,729	4,539	+3.4	-4.2	+4.2	4,282	4,967	4,591	4,355	31,961	32,980
24,25, 39	All other durable goods.....	11,080	11,620	11,176	11,168	-4.6	+4.0	+0.1	10,480	12,175	11,565	11,731	77,869	72,411
	Non durable goods industries.....	89,103	89,065	89,498	89,404	0.0	-0.5	+0.1	84,463	92,654	89,374	88,846	624,822	634,536
	With unfilled orders.....	22,804	22,914	21,916	21,901	-0.5	+4.6	+0.1	21,375	23,091	21,794	22,015	153,590	145,038
	Market categories:													
	Home goods and apparel.....	13,540	13,944	12,963	13,249	-2.9	+7.6	-2.2	12,729	14,387	12,767	12,868	93,011	90,057
	Consumer staples.....	37,447	37,284	36,918	35,946	+0.4	+1.0	+2.7	35,351	38,964	36,434	35,043	251,356	239,044
	Equipment and defense products, except automotive.....	32,750	30,495	29,954	29,456	+7.4	+1.8	+1.7	27,175	31,143	27,876	28,610	209,967	212,078
	Automotive equipment.....	18,655	18,286	18,530	19,835	+2.0	-1.3	-6.6	15,861	20,690	20,031	21,358	138,854	132,881
	Construction materials, supplies and intermediate products.....	18,107	18,106	18,326	18,635	0.0	-1.2	-1.7	17,936	19,822	19,049	18,927	126,093	118,107
	Other materials, supplies, and intermediate products.....	75,506	73,680	75,431	76,030	+2.5	-2.3	-0.8	69,780	76,594	75,632	77,788	543,243	565,866
	Supplementary series: ²													
	Capital goods industries.....	37,878	33,674	34,575	32,679	+12.5	-2.6	+5.8	31,732	34,383	31,468	32,417	240,948	238,691
	Nondefense.....	27,385	26,421	26,145	26,179	+3.6	+1.1	-0.1	24,315	28,674	25,637	25,657	184,601	184,923
	Defense.....	10,493	7,253	8,430	6,500	+44.7	-14.0	+29.7	7,417	5,709	5,831	6,760	56,347	53,768
	Household durable goods industries.....	6,852	7,289	6,471	6,641	-6.0	+12.6	-2.6	6,189	7,599	6,698	6,631	47,552	45,037

^PPreliminary. ^FRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are, as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				
		July 1986P	June 1986P	May 1986	Apr. 1986	June- JulyP	May- JuneP	Apr.- May	July 1986P	June 1986P	May 1986	Apr. 1986	July 1985
	All manufacturing industries..	366,239	364,682	366,529	367,475	+0.4	-0.5	-0.3	364,692	365,557	370,886	374,866	360,156
	Durable goods industries.....	355,304	353,872	355,695	356,743	+0.4	-0.5	-0.3	353,620	354,703	359,816	363,870	349,666
32	Stone, clay, and glass products...	2,646	2,715	2,661	2,763	-2.5	+2.0	-3.7	2,735	2,786	2,769	2,824	2,577
33	Primary metals.....	18,377	18,929	19,090	20,111	-2.9	-0.8	-5.1	18,095	18,751	19,532	21,026	19,435
331	Blast furnaces, steel mills....	8,340	8,808	8,872	9,495	-5.3	-0.7	-6.6	8,106	8,658	9,165	10,036	8,831
333-9	Nonferrous and other primary metals.....	6,193	6,222	6,296	6,745	-0.5	-1.2	-6.7	6,137	6,272	6,453	7,049	7,345
34	Fabricated metal products.....	19,321	19,434	19,635	19,756	-0.6	-1.0	-0.6	19,606	19,763	19,838	19,883	20,511
35	Machinery, except electrical.....	56,300	56,166	56,813	57,156	+0.2	-1.1	-0.6	55,997	56,486	57,445	57,719	61,600
351	Engines and turbines.....	14,785	14,911	14,967	15,051	-0.8	-0.4	-0.6	14,629	14,691	14,937	14,927	14,524
353	Construction, mining, and material handling equipment....	4,967	5,210	5,494	5,625	-4.7	-5.2	-2.3	4,987	5,210	5,538	5,670	6,003
354	Metalworking machinery.....	3,722	3,700	3,884	3,850	+0.6	-4.7	+0.9	3,744	3,685	3,830	3,785	4,477
356	General industrial machinery....	4,231	4,312	4,237	4,124	-1.9	+1.8	+2.7	4,231	4,316	4,279	4,173	4,616
357	Office and computing machines...	17,962	17,452	17,540	17,741	+2.9	-0.5	-1.1	18,088	18,115	18,066	18,078	21,242
36	Electrical machinery.....	85,124	84,263	82,666	83,536	+1.0	+1.9	-1.0	84,655	84,360	83,669	84,357	81,897
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,492	5,409	5,501	5,632	+1.5	-1.7	-2.3	5,477	5,395	5,550	5,722	6,049
363	Household appliances.....	359	338	335	328	+6.2	+0.9	+2.1	392	362	369	346	437
365	Radio and TV.....	297	381	479	592	-22.0	-20.5	-19.1	340	428	458	327	494
366	Communication equipment.....	61,492	60,692	59,173	59,611	+1.3	+2.6	-0.7	60,681	60,510	59,655	60,275	56,572
367	Electronic components.....	15,833	15,809	15,614	15,862	+0.2	+1.2	-1.6	16,102	16,046	16,082	16,179	16,895
37	Transportation equipment.....	159,804	158,513	160,869	159,546	+0.8	-1.5	+0.8	158,266	158,326	162,211	163,944	148,640
372,6 3731,95	Aircraft, missiles, and parts... Shipbuilding and military tank vehicles.....	134,908	134,229	136,851	134,934	+0.5	-1.9	+1.4	133,961	134,561	138,103	138,774	122,567
38	Instruments and related products..	18,848	18,060	17,786	18,177	+4.4	+1.5	-2.2	18,385	17,856	18,048	18,697	19,515
24,25, 39	38 All other durable goods.....	8,389	8,391	8,541	8,460	0.0	-1.8	+1.0	8,458	8,474	8,530	8,508	8,723
	All other durable goods.....	5,343	5,461	5,420	5,415	-2.2	+0.8	+0.1	5,808	5,757	5,822	5,609	6,283
	Nondurable goods industries.....	10,935	10,810	10,834	10,732	+1.2	-0.2	+1.0	11,072	10,854	11,070	10,996	10,490
	Market categories:												
	Home goods and apparel.....	4,059	4,214	4,327	4,572	-3.7	-2.6	-5.4	4,589	4,572	4,771	4,590	5,053
	Consumer staples.....	779	771	837	875	+1.0	-7.9	-4.3	747	709	779	852	628
	Equipment and defense products, except automotive.....	232,712	230,562	230,818	230,543	+0.9	-0.1	+0.1	230,361	230,908	233,206	234,927	225,152
	Automotive equipment.....	5,578	5,669	5,657	5,871	-1.6	+0.2	-3.6	5,427	5,346	5,476	5,894	5,927
	Construction materials, supplies and intermediate products.....	11,881	11,888	11,998	11,958	-0.1	-0.9	+0.3	12,117	12,133	12,237	12,125	12,396
	Other materials, supplies, and intermediate products.....	111,230	111,578	112,892	113,656	-0.3	-1.2	-0.7	111,451	111,889	114,417	116,478	111,000
	Supplementary series: ²												
	Capital goods industries.....	281,138	278,834	280,367	279,860	+0.8	-0.5	+0.2	278,681	279,182	283,046	285,486	270,638
	Nondefense.....	131,663	131,633	132,455	132,892	0.0	-0.6	-0.3	131,435	131,767	133,015	133,779	132,002
	Defense.....	149,475	147,201	147,912	146,968	+1.5	-0.5	+0.6	147,246	147,415	150,031	151,707	138,636
	Household durable goods industries.....	3,494	3,700	3,785	4,025	-5.6	-2.2	-6.0	3,969	4,025	4,175	4,016	4,469

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		End of month				Percent change			End of month					
		July 1986P	June 1986P	May 1986	Apr. 1986	June- JulyP	May- JuneP	Apr.- May	July 1986P	June 1986P	May 1986	Apr. 1986	July 1985	
	All manufacturing industries..	278,300	278,410	278,352	279,358	0.0	0.0	-0.4	278,126	278,858	280,845	281,358	284,842	
	Manufacturing industries with unfilled orders.....	195,085	194,995	195,102	195,686	0.0	-0.1	-0.3	196,112	196,478	197,567	197,215	200,803	
	Durable goods industries.....	186,663	187,148	187,637	188,031	-0.3	-0.3	-0.2	186,903	188,023	189,753	189,491	192,382	
	With unfilled orders.....	171,677	171,807	171,923	172,285	-0.1	-0.1	-0.2	172,215	172,742	173,894	173,488	177,094	
32	Stone, clay, and glass products..	5,621	5,593	5,561	5,551	+0.5	+0.6	+0.2	5,634	5,669	5,725	5,706	5,993	
322	Glass containers.....	642	648	638	635	-0.9	+1.6	+0.5	646	658	657	651	613	
33	Primary metals.....	16,730	16,883	16,903	17,036	-0.9	-0.1	-0.8	16,740	16,857	17,057	17,125	18,840	
331	Blast furnaces, steel mills....	7,161	7,373	7,484	7,486	-2.9	-0.5	0.0	7,233	7,321	7,447	7,344	8,511	
333-9	Nonferrous and other primary metals.....	8,315	8,263	8,171	8,273	+0.6	+1.1	-1.2	8,282	8,288	8,318	8,455	9,096	
34	Fabricated metal products.....	18,679	18,832	18,858	19,072	-0.8	-0.1	-1.1	18,805	19,272	19,246	19,401	18,675	
341	Metal cans, barrels, and drums..	2,138	2,229	2,148	2,210	-4.1	+3.8	-2.8	2,260	2,485	2,417	2,473	2,371	
35	Machinery, except electrical.....	37,158	37,328	38,108	38,409	-0.5	-2.0	-0.8	37,259	37,526	38,588	38,641	41,118	
351	Engines and turbines.....	1,941	1,922	1,941	1,936	+1.0	-1.0	+0.3	1,937	1,920	1,962	1,957	2,030	
352	Farm machinery and equipment....	1,717	1,678	1,760	1,763	+2.3	-4.7	-0.2	1,690	1,720	1,790	1,809	1,811	
353	Construction, mining, and material handling equipment....	5,747	5,776	5,838	5,888	-0.5	-1.1	-0.8	5,718	5,811	5,955	5,970	6,511	
354	Metalworking machinery.....	2,746	2,718	2,808	2,737	+1.0	-3.2	+2.6	2,773	2,745	2,833	2,729	2,786	
356	General industrial machinery....	3,279	3,236	3,232	3,294	+1.3	+0.1	-1.9	3,282	3,268	3,277	3,330	3,517	
357	Office and computing machines....	10,725	11,055	11,612	11,844	-3.0	-4.8	-2.0	10,939	11,099	11,728	11,785	12,985	
36	Electrical machinery.....	34,554	34,243	34,004	33,830	+0.9	+0.7	+0.5	34,773	34,667	34,564	34,189	34,708	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,242	4,188	4,195	4,219	+1.3	-0.2	-0.6	4,249	4,235	4,264	4,243	4,553	
363	Household appliances.....	2,407	2,438	2,316	2,316	-1.3	+5.3	0.0	2,431	2,565	2,511	2,473	2,557	
365	Radio and TV.....	1,667	1,635	1,579	1,540	+2.0	+3.5	+2.5	1,730	1,689	1,614	1,531	1,453	
366	Communication equipment.....	15,232	15,048	15,002	14,859	+1.2	+0.3	+1.0	15,294	15,041	15,116	14,948	14,822	
367	Electronic components.....	5,939	5,965	5,985	5,958	-0.4	-0.3	+0.5	5,987	6,019	6,009	5,982	6,489	
37	Transportation equipment.....	50,057	50,434	50,206	50,030	-0.7	+0.5	+0.4	49,690	49,989	50,308	50,156	48,440	
371	Motor vehicles and parts.....	10,895	10,856	11,204	11,279	+0.4	-3.1	-0.7	10,413	10,497	11,078	11,249	10,762	
372,6	Aircraft, missiles, and parts....	35,765	36,150	35,650	35,488	-1.1	+1.4	+0.5	35,981	36,141	35,949	35,681	34,675	
3731,95	Shipbuilding and military tank vehicles.....	1,679	1,634	1,599	1,624	+2.8	+2.2	-1.5	1,682	1,643	1,597	1,622	1,438	
38	Instruments and related products..	9,541	9,507	9,542	9,463	+0.4	-0.4	+0.8	9,623	9,681	9,704	9,587	9,768	
381-4	Scientific and engineering instruments.....	6,667	6,654	6,705	6,619	+0.2	-0.8	+1.3	6,714	6,767	6,792	6,718	7,030	
386	Photographic goods.....	2,239	2,216	2,217	2,222	+1.0	0.0	-0.2	2,264	2,260	2,277	2,235	2,097	
24,25, 39	All other durable goods.....	14,323	14,328	14,455	14,640	0.0	-0.9	-1.3	14,379	14,362	14,561	14,686	14,840	
	Nondurable goods industries.....	91,637	91,262	90,715	91,327	+0.4	+0.6	-0.7	91,223	90,835	91,092	91,867	92,460	
	With unfilled orders.....	23,408	23,188	23,179	23,401	+0.9	0.0	-0.9	23,897	23,736	23,673	23,727	23,709	
20	Food and kindred products.....	21,762	21,288	21,063	21,232	+2.2	+1.1	-0.8	20,788	20,050	20,252	20,670	20,499	
201	Meat products.....	2,308	2,154	2,093	2,087	+7.1	+2.9	+0.3	2,232	2,154	2,183	2,216	2,248	
208	Beverages.....	3,573	3,470	3,395	3,417	+3.0	+2.2	-0.6	3,473	3,460	3,470	3,516	3,456	
207	Fats and oils.....	1,031	991	968	1,005	+4.0	+2.4	-3.7	892	919	919	989	1,033	
203-6,9	All other foods.....	13,127	12,942	12,882	12,982	+1.4	+0.5	-0.8	12,418	11,751	11,903	12,177	11,997	
21	Tobacco products.....	3,086	3,057	3,202	3,223	+0.9	-4.5	-0.7	2,796	2,886	3,125	3,275	3,005	
22	Textile mill products.....	6,487	6,617	6,535	6,622	-2.0	+1.3	-1.3	6,529	6,709	6,732	6,744	6,704	
26	Paper and allied products.....	9,942	9,825	9,757	9,763	+1.2	+0.7	-0.1	9,998	9,993	9,987	9,963	9,588	
261-3,6	Pulp, paper etc.....	3,913	3,882	3,883	3,901	+0.8	0.0	-0.5	3,915	3,918	3,952	3,945	3,762	
265	Paperboard containers.....	2,264	2,259	2,255	2,280	+0.2	+0.2	-1.1	2,307	2,315	2,300	2,323	2,306	
264	All other paper products.....	3,765	3,684	3,619	3,582	+2.2	+1.8	+1.0	3,776	3,760	3,735	3,695	3,520	
28	Chemicals and allied products....	22,337	22,203	21,499	21,631	+0.6	+3.3	-0.6	22,327	22,023	21,678	21,960	21,890	
281,6	Industrial chemicals, except pigments.....	6,673	6,702	6,508	6,554	-0.4	+3.0	-0.7	6,706	6,689	6,573	6,626	6,666	
283,4	Drugs, soaps, and toiletries....	7,339	7,180	7,057	7,089	+2.2	+1.7	-0.5	7,376	7,288	7,240	7,210	6,980	
29	Petroleum and coal products.....	5,833	6,161	6,302	6,265	-5.3	-2.2	+0.6	5,839	6,071	6,212	6,214	7,742	
30	Rubber and plastics products.....	6,261	6,271	6,350	6,322	-0.2	-1.2	+0.4	6,273	6,401	6,533	6,593	6,151	
23,27, 31	All other nondurable goods.....	15,929	15,840	16,007	16,269	+0.6	-1.0	-1.6	16,673	16,702	16,573	16,448	16,881	
	Market categories:													
	Home goods and apparel.....	22,294	22,366	22,219	22,504	-0.3	+0.7	-1.3	22,940	23,350	23,149	22,827	23,008	
	Consumer staples.....	34,969	34,188	34,067	34,292	+2.3	+0.4	-0.7	33,991	33,072	33,444	33,965	33,140	
	Equipment and defense products, except automotive.....	82,837	82,840	83,287	83,160	0.0	-0.5	+0.2	83,029	83,112	84,139	83,783	86,311	
	Automotive equipment.....	13,182	13,237	13,594	13,533	-0.4	-2.6	+0.5	12,581	12,830	13,464	13,531	13,029	
	Construction materials, supplies and intermediate products.....	18,495	18,651	18,914	19,075	-0.8	-1.4	-0.8	18,497	18,822	19,108	19,310	19,253	
	Other materials, supplies, and intermediate products.....	106,523	107,128	106,271	106,794	-0.6	+0.8	-0.5	107,088	107,672	107,541	107,936	110,101	
	Supplementary series: ²													
	Capital goods industries.....	96,737	96,956	96,990	96,928	-0.2	0.0	+0.1	97,202	97,395	98,111	97,555	98,804	
	Nondefense.....	68,600	68,839	69,236	69,363	-0.3	-0.6	-0.2	68,642	68,905	69,885	69,811	73,100	
	Defense.....	28,137	28,117	27,754	27,565	+0.1	+1.3	+0.7	28,560	28,490	28,226	27,744	25,698	
	Household durable goods industries.....	11,560	11,460	11,252	11,351	+0.9	+1.8	-0.9	11,777	11,776	11,619	11,521	11,703	

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		End of month				Percent change			End of month					
		July 1986P	June 1986F	May 1986	Apr. 1986	June- JulyP	May- JuneF	Apr.- May	July 1986P	June 1986F	May 1986	Apr. 1986	July 1985	
MATERIALS AND SUPPLIES														
	All manufacturing industries..	86,823	86,848	86,276	86,942	0.0	+0.7	-0.8	86,740	86,521	86,456	87,205	90,089	
	Durable goods industries.....	51,280	51,559	51,387	51,864	-0.5	+0.3	-0.9	51,400	51,392	51,347	51,679	54,380	
32	Stone, clay, and glass products...	1,750	1,742	1,758	1,759	+0.5	-0.9	-0.1	1,754	1,737	1,748	1,759	1,885	
33	Primary metals.....	4,836	4,772	4,787	4,835	+1.3	-0.3	-1.0	4,792	4,694	4,671	4,677	5,575	
34	Fabricated metal products.....	7,108	7,296	7,095	7,110	-2.6	+2.8	-0.2	7,172	7,306	7,137	7,172	7,154	
35	Machinery, except electrical.....	10,262	10,387	10,297	10,506	-1.2	+0.9	-2.0	10,315	10,415	10,404	10,554	11,754	
36	Electrical Machinery.....	7,921	7,955	7,900	7,825	-0.4	+0.7	+1.0	8,068	8,009	7,945	7,905	8,573	
37	Transportation equipment.....	11,386	11,374	11,480	11,682	+0.1	-0.9	-1.7	11,284	11,361	11,524	11,637	11,188	
38	Instruments and related products..	2,680	2,642	2,677	2,663	+1.4	-1.3	+0.5	2,681	2,653	2,679	2,673	2,771	
24,25, 39	All other durable goods.....	5,337	5,391	5,393	5,484	-1.0	0.0	-1.7	5,334	5,217	5,239	5,302	5,480	
	Nondurable goods industries.....	35,543	35,289	34,889	35,078	+0.7	+1.1	-0.5	35,340	35,129	35,109	35,526	35,709	
20	Food and kindred products.....	7,908	7,781	7,516	7,522	+1.6	+3.5	-0.1	7,574	7,468	7,467	7,635	7,324	
21	Tobacco products.....	2,552	2,499	2,677	2,646	+2.1	-6.6	+1.2	2,335	2,430	2,645	2,732	2,603	
22	Textile mill products.....	2,008	2,112	2,052	2,123	-4.9	+2.9	-3.3	2,059	2,156	2,120	2,159	2,109	
26	Paper and allied products.....	4,878	4,860	4,860	4,841	+0.4	0.0	+0.4	4,914	4,902	4,861	4,879	4,656	
28	Chemicals and allied products....	8,368	8,259	7,852	7,738	+1.3	+5.2	+1.5	8,436	8,183	7,925	7,808	8,280	
29	Petroleum and coal products.....	1,649	1,659	1,649	1,849	-0.6	+0.6	-10.8	1,665	1,703	1,758	1,903	1,942	
30	Rubber and plastics products.....	2,179	2,269	2,268	2,271	-4.0	0.0	-0.1	2,205	2,290	2,288	2,309	2,087	
23,27, 31	All other nondurable goods.....	6,001	5,850	6,015	6,088	+2.6	-2.7	-1.2	6,152	5,997	6,045	6,101	6,708	
WORK IN PROCESS														
	All manufacturing industries..	104,136	104,856	104,411	104,615	-0.7	+0.4	-0.2	104,113	104,699	105,287	105,386	105,562	
	Durable goods industries.....	90,406	90,918	90,714	90,825	-0.6	+0.2	-0.1	90,308	90,890	91,456	91,465	91,245	
32	Stone, clay, and glass products...	765	732	723	737	+4.5	+1.2	-1.9	750	750	750	769	819	
33	Primary metals.....	6,877	6,969	6,960	7,026	-1.3	+0.1	-0.9	6,946	6,931	7,041	7,070	7,655	
34	Fabricated metal products.....	6,768	6,765	6,890	7,001	0.0	-1.8	-1.6	6,883	6,992	7,070	7,140	6,811	
35	Machinery, except electrical.....	15,032	15,338	15,418	15,800	-2.0	-0.5	-2.4	14,900	15,303	15,563	15,904	16,349	
36	Electrical Machinery.....	20,147	19,954	19,851	19,759	+1.0	+0.5	+0.5	20,197	20,110	20,105	19,881	19,546	
37	Transportation equipment.....	33,599	33,960	33,593	33,212	-1.1	+1.1	+1.1	33,364	33,513	33,585	33,351	32,211	
38	Instruments and related products..	3,944	3,985	4,061	3,972	-1.0	-1.9	+2.2	3,974	4,070	4,105	4,024	4,205	
24,25, 39	All other durable goods.....	3,274	3,215	3,218	3,318	+1.8	-0.1	-3.0	3,294	3,221	3,237	3,326	3,629	
	Nondurable goods industries.....	13,730	13,938	13,697	13,790	-1.5	+1.8	-0.7	13,805	13,809	13,831	13,921	14,317	
20	Food and kindred products.....	1,728	1,616	1,593	1,641	+6.9	+1.4	-2.9	1,660	1,587	1,591	1,643	1,621	
21	Tobacco products.....	258	334	249	289	-22.8	+34.1	-13.8	201	214	195	224	157	
22	Textile mill products.....	1,928	1,949	1,960	1,935	-1.1	-0.6	+1.3	1,904	1,916	1,972	1,952	1,907	
26	Paper and allied products.....	1,152	1,090	1,107	1,116	+5.7	-1.5	-0.8	1,170	1,113	1,122	1,114	1,144	
28	Chemicals and allied products.....	3,462	3,481	3,396	3,410	-0.5	+2.5	-0.4	3,487	3,484	3,458	3,438	3,609	
29	Petroleum and coal products.....	771	881	867	856	-12.5	+1.6	+1.3	789	898	899	895	1,314	
30	Rubber and plastics products.....	1,185	1,153	1,209	1,165	+2.8	-4.6	+3.8	1,203	1,143	1,186	1,189	1,198	
23,27, 31	All other nondurable goods.....	3,246	3,434	3,316	3,378	-5.5	+3.6	-1.8	3,391	3,454	3,408	3,466	3,307	
FINISHED GOODS														
	All manufacturing industries..	87,341	86,706	87,665	87,801	+0.7	-1.1	-0.2	87,273	87,638	89,102	88,767	89,191	
	Durable goods industries.....	44,977	44,671	45,536	45,342	+0.7	-1.9	+0.4	45,195	45,741	46,950	46,347	46,757	
32	Stone, clay, and glass products...	3,106	3,119	3,080	3,055	-0.4	+1.3	+0.8	3,130	3,182	3,227	3,178	3,289	
33	Primary metals.....	5,017	5,142	5,156	5,175	-2.4	-0.3	-0.4	5,002	5,232	5,345	5,378	5,610	
34	Fabricated metal products.....	4,803	4,771	4,873	4,961	+0.7	-2.1	-1.8	4,750	4,974	5,039	5,089	4,710	
35	Machinery, except electrical.....	11,864	11,603	12,393	12,103	+2.2	-6.4	+2.4	12,044	11,808	12,621	12,183	13,015	
36	Electrical Machinery.....	6,486	6,334	6,253	6,246	+2.4	+1.3	+0.1	6,508	6,548	6,514	6,403	6,589	
37	Transportation equipment.....	5,072	5,100	5,133	5,136	-0.5	-0.6	-0.1	5,042	5,115	5,199	5,168	5,021	
38	Instruments and related products..	2,917	2,880	2,804	2,828	+1.3	+2.7	-0.8	2,968	2,958	2,920	2,890	2,792	
24,25, 39	All other durable goods.....	5,712	5,722	5,844	5,838	-0.2	-2.1	+0.1	5,751	5,924	6,085	6,058	5,731	
	Nondurable goods industries.....	42,364	42,035	42,129	42,459	+0.8	-0.2	-0.8	42,078	41,897	42,152	42,420	42,434	
20	Food and kindred products.....	12,126	11,891	11,954	12,069	+2.0	-0.5	-1.0	11,554	10,995	11,194	11,392	11,554	
21	Tobacco products.....	276	224	276	288	+23.2	-18.8	-4.2	260	242	285	319	245	
22	Textile mill products.....	2,551	2,556	2,523	2,564	-0.2	+1.3	-1.6	2,566	2,637	2,640	2,633	2,688	
26	Paper and allied products.....	3,912	3,875	3,790	3,806	+1.0	+2.2	-0.4	3,914	3,978	4,004	3,970	3,788	
28	Chemicals and allied products.....	10,507	10,463	10,251	10,483	+0.4	+2.1	-2.2	10,404	10,356	10,295	10,714	9,941	
29	Petroleum and coal products.....	3,413	3,621	3,786	3,560	-5.7	-4.4	+6.3	3,385	3,470	3,555	3,416	4,486	
30	Rubber and plastics products.....	2,897	2,849	2,873	2,886	+1.7	-0.8	-0.5	2,865	2,968	3,059	3,095	2,866	
23,27, 31	All other nondurable goods.....	6,682	6,556	6,676	6,803	+1.9	-1.8	-1.9	7,130	7,251	7,120	6,881	6,866	

P Preliminary. F Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		July 1986P	June 1986F	May 1986	Apr. 1986	July 1986P	June 1986F	May 1986	Apr. 1986
	All manufacturing industries.....	1.43	1.44	1.44	1.42	3.36	3.36	3.46	3.39
	Durable goods industries.....	1.77	1.79	1.81	1.76	4.12	4.13	4.23	4.14
32	Stone, clay, and glass products.....	1.15	1.15	1.13	1.09	0.59	0.61	0.59	0.59
33	Primary metals.....	1.74	1.78	1.72	1.68	1.91	2.00	1.94	1.99
34	Fabricated metal products.....	1.29	1.33	1.33	1.31	1.43	1.47	1.49	1.46
35	Machinery, except electrical.....	2.17	2.13	2.27	2.14	3.43	3.36	3.56	3.36
36	Electrical machinery.....	2.15	2.10	2.19	2.18	5.29	5.16	5.33	5.38
37	Transportation equipment.....	1.83	1.95	1.89	1.82	10.27	10.99	10.98	10.64
38	Instruments and related products.....	2.04	2.03	2.05	2.05	1.79	1.79	1.84	1.83
	Nondurable goods industries.....	1.03	1.02	1.01	1.02	0.48	0.47	0.50	0.49
20	Food and kindred products.....	0.82	0.84	0.82	0.84	(X)	(X)	(X)	(X)
21	Tobacco products.....	2.07	1.44	1.56	2.05	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.45	1.50	1.54	1.48	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products.....	1.07	1.08	1.10	1.09	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products.....	1.25	1.28	1.24	1.18	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.54	0.55	0.50	0.51	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.62	1.57	1.57	1.57	(X)	(X)	(X)	(X)

P Preliminary. F Revised. (X) Not applicable. (NA) Not available.

¹ Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago July 1985	All Julys 1981- 1985	July 1985- June 1986	Year ago July 1985	All Julys 1981- 1985	July 1985- June 1986	Year ago July 1985	All Julys 1981- 1985	July 1985- June 1986	Year ago July 1985	All Julys 1981- 1985	July 1985- June 1986
	All manufacturing industries.	0.0	0.3	0.2	0.1	0.5	0.3	0.1	0.1	0.1	0.0	0.1	0.1
	Durable goods industries.....	0.0	0.4	0.3	0.0	0.9	0.5	0.0	0.1	0.1	0.1	0.0	0.1
32	Stone, clay, and glass products..	0.2	0.9	1.2	0.4	1.3	1.2	0.3	1.0	0.8	0.2	0.5	0.2
33	Primary metals.....	0.3	1.3	0.8	0.3	0.9	0.9	0.0	0.5	0.4	0.4	0.3	0.2
34	Fabricated metal products.....	0.0	0.6	0.8	0.3	1.2	1.2	0.2	0.4	0.5	0.5	0.3	0.6
35	Machinery, except electrical.....	1.2	0.9	0.6	0.9	2.5	1.2	0.1	0.5	0.2	0.0	0.1	0.1
36	Electrical machinery.....	0.2	0.5	0.9	1.5	0.8	1.5	0.2	0.1	0.2	0.1	0.1	0.2
37	Transportation equipment.....	0.0	0.4	0.3	0.1	0.4	1.3	0.0	0.0	0.2	0.1	0.1	0.1
38	Instruments and related products.	0.3	0.8	0.9	2.6	2.8	1.3	1.3	1.1	0.4	0.3	0.3	0.4
	Nondurable goods industries.....	0.0	0.3	0.3	0.1	0.4	0.3	1.2	0.6	0.4	0.1	0.2	0.2
20	Food and kindred products.....	0.7	0.8	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.7	0.3
21	Tobacco products.....	0.0	0.6	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.6	0.1
22	Textile mill products.....	1.7	1.7	1.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.2	0.5	1.0
26	Paper and allied products.....	0.5	0.8	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.3	0.3	0.2
28	Chemicals and allied product.....	0.3	1.1	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1	0.4
29	Petroleum and coal products.....	0.7	0.9	1.0	(X)	(X)	(X)	(X)	(X)	(X)	1.5	0.6	0.7
30	Rubber and plastics products.....	0.4	0.9	0.8	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.7	0.6
	Capital goods industries:												
	Nondefense.....	1.0	0.7	0.6	0.8	1.8	0.7	0.1	0.2	0.1	0.0	0.1	0.1
	Defense.....	0.3	0.8	0.7	0.6	1.1	3.4	0.0	0.1	0.2	0.2	0.4	0.3

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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